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Delete the paragraph bridging pages 14 and 15 and insert:

A9 The present inventors, in order to confirm the above-mentioned operation effects due to the bearing effective clearance, checked the presence or absence of the movement of the rolling body (retainer) on the raceway surface with respect to previously-set bearing effective clearances. The results of the check are shown in Fig. 4.

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Page 20, delete the second full paragraph and insert:

A10 That is, the invention may also apply to a structure such as a rolling bearing for use in a crankshaft, in which, when an electromagnetic clutch is on, the shaft 8 serves as a drive side and the rotary body 6 rotates with no relative rotation; and, when the electromagnetic clutch is off, the rotary body 6 rotates through the belt, whereas the shaft 8 remains stationary.

IN THE CLAIMS

Please enter the following amended claims:

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1. (Amended) A rolling bearing structured such that
a plurality of rolling elements are respectively held between inner and outer rings by a retainer,
grease is sealed in said rolling bearing by a seal,
a rotary body provided with said outer ring and a shaft provided with said inner ring can be connected together by a clutch mechanism, and,
when said rotary body and said shaft are connected together by said clutch mechanism, said rolling bearing can be used on receiving a rotation load while the relative rotation between said inner and outer rings is zero,
wherein an initial radial clearance between said inner and outer rings is set such that a bearing effective clearance when said rolling bearing is incorporated between said rotary body and said shaft can provide a positive value.

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3. (Amended) A rolling bearing as set forth in Claim 1, wherein the depths of grooves formed in said inner and outer rings are respectively 17% or more of the diameter of one of said rolling elements.

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4. (Amended) A rolling bearing as set forth in Claim 2, wherein the depths of grooves formed in said inner and outer rings are respectively 17% or more of the diameter of one of said rolling elements.

5. (Amended) A rolling bearing as set forth in Claim 1, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

6. (Amended) A rolling bearing as set forth in Claim 2, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

7. (Amended) A rolling bearing as set forth in Claim 3, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

8. (Amended) A rolling bearing as set forth in Claim 4, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

9. (Amended) A rolling bearing as set forth in Claim 1, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

10. (Amended) A rolling bearing as set forth in Claim 2, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

11. (Amended) A rolling bearing as set forth in Claim 3, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

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12. (Amended) A rolling bearing as set forth in Claim 4, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

13. (Amended) A rolling bearing as set forth in Claim 5, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

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14. (Amended) A rolling bearing as set forth in Claim 6, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

15. (Amended) A rolling bearing as set forth in Claim 7, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

16. (Amended) A rolling bearing as set forth in Claim 8, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.
